

**TOP SECRET RUFF**

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**DDR - Dupe**

Attachment to

7 June 1967

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Copy 1

REFERENCE TO:

ZAGORSK ROCKET ENGINE TEST FACILITY

KRASNOZAVODSK, USSR

1. SIGNIFICANCE:

THE RECENTLY CONSTRUCTED SUSPECT LIQUID HYDROGEN TEST AREA APPEARS OPERATIONAL. TEST ACTIVITY IS OBSERVED AT TEST STANDS 1-4 AND AT THE HORIZONTAL TEST BUILDING IN THE OLDER PORTION OF THE COMPLEX.

2. LOCATION:

2.5 NM SE OF KRASNOZAVODSK AND 7.5 NM NE OF ZAGORSK.

3. REMARKS:

THE ZAGORSK TEST COMPLEX IS BELIEVED TO BE A FIELD TESTING STATION UNDER THE SUBORDINATION OF THE SOVIET MISSILE AND SPACE HEADQUARTERS, OR AUTHORITY, WHICH IN TURN IS LOCATED IN KALININGRAD, A SUBURB OF MOSKVA.

These notes have been prepared for briefing purposes only and should not be used for detailed analytical work. Their use should be restricted to the particular briefing board(s) they were prepared for and must be considered valid only for the reporting period as indicated by the date of issue. For information concerning these notes contact Chief, Collateral Support Division, NPIC.

GROUP 1  
Excluded from automatic  
downgrading and declassification

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THIS TEST COM-

PLEX CONTAINS 4 VERTICAL TEST STANDS, A HORIZONTAL TEST BUILDING AND A HORIZONTAL TEST POSITION. THE MAJOR PORTION OF THE FACILITY WAS COMPLETE WHEN FIRST SEEN IN 1961; BUT EXPANSION AND CONSTRUCTION HAS BEEN OBSERVED THROUGH CONTINUED COVERAGE. TEST STAND NO 1 IS THE LARGEST TEST STAND IN THE USSR AND THE ONLY STAND CAPABLE OF FULL DURATION TESTING OF THE TOTAL CLUSTER PROPULSION PACKAGE FOR THE TYURATAM AREA J BOOSTER STAGE.

THE FIRST EVIDENCE OF THE CONSTRUCTION OF THE SUSPECT LIQUID HYDROGEN TEST AREA WAS OBSERVED IN JUN 64 AND THIS CONSTRUCTION HAS CONTINUED TO DATE. GOOD QUALITY PHOTOGRAPHY OF MAY 66 ALLOWED THE FIRST IDENTIFICATION OF THE SUSPECT LIQUID HYDROGEN PRODUCTION PLANT WHICH SERVES THIS TEST AREA.

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4. COLLATERAL: SEE REMARKS
5. FIRST IDENTIFICATION:
6. NEGATION DATE: NONE
7. SUBSEQUENT COVERAGE: 27 KH-4 AND 2 KH-7 MISSIONS
8. DIMENSIONS/  
SPECIFICATIONS: NONE
9. MISSION READOUT: IN THE OLDER PART OF THE FACILITY, SOME SCARRING FROM TEST ACTIVITY IS APPARENT AT VERTICAL TEST STANDS 1-4 AND THE HORIZONTAL TEST BUILDING. TEST STAND NO 2 IS VERY SIMILAR TO TEST STAND NO 3 AT THE FEI-CHING MISSILE DEVELOPMENT AND PRODUCTION CENTER, CHANG-HSIN-TIEN, CHINA. THE RECENTLY CONSTRUCTED SUSPECT LIQUID HYDROGEN TEST AREA APPEARS OPERATIONAL, ALTHOUGH SOME SCATTERED CONSTRUCTION CONTINUES. THIS AREA CONTAINS TWO TEST BUILDINGS. THE EASTERNMOST IS A MULTIPLE POSITION TEST BUILDING CONTAINING AT LEAST 2 HORIZONTAL TEST CELLS WHICH FRONT ON A WIDE PAD. A CYLINDRICAL OBJECT  LONG OVERALL AND  IN DIAMETER RESEMBLING A DIFFUSER IS POSITIONED IN FRONT OF ONE OF THE TEST CELLS AND AN OBJECT APPROXIMATELY 25X5 FT IS IN FRONT OF ANOTHER CELL. THE SECOND TEST BUILDING CONTAINS A SINGLE TEST POSITION THAT HAS A TROUGH-SHAPED DEFLECTOR SITUATED AT ONE END OF THE BUILDING. NO EVIDENCE OF TEST ACTIVITY IS APPARENT AT THESE TEST

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TOP SECRET RUFF

[REDACTED] **TOP SECRET RUFF** [REDACTED]

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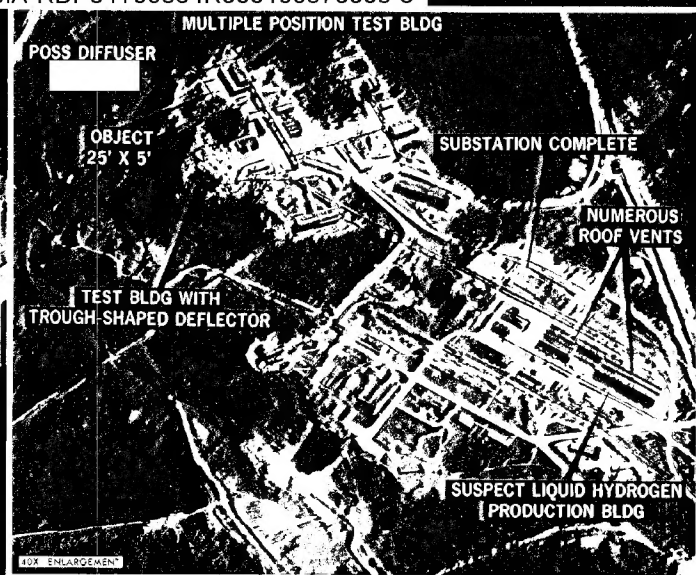
BUILDINGS. NUMEROUS ROOF VENTS ARE VISIBLE ON THE SUSPECT LIQUID HYDROGEN PRODUCTION BUILDING. THE NEARBY SUBSTATION IS COMPLETE. CONSTRUCTION CONTINUES IN THE LARGE ASSOCIATED HOUSING AREA. NUMEROUS VEHICLES AND RAIL CARS ARE VISIBLE THROUGHOUT THE FACILITY.

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**ZAGORSK ROCKET ENGINE TEST FACILITY**  
**KRASNOZAVODSK, USSR**  
**156-25N 38-10E**



SUSPECT LIQUID HYDROGEN  
TEST AREA APPEARS  
OPERATIONAL

TEST POSITION

TEST STAND NO 3

TEST STAND NO 2

TEST STAND NO 4

HORIZONTAL TEST BLDG

TEST STAND NO 1

CONTINUING CONSTRUCTION

100' APPROX

10X ENLARGEMENT